

FIG. 1A

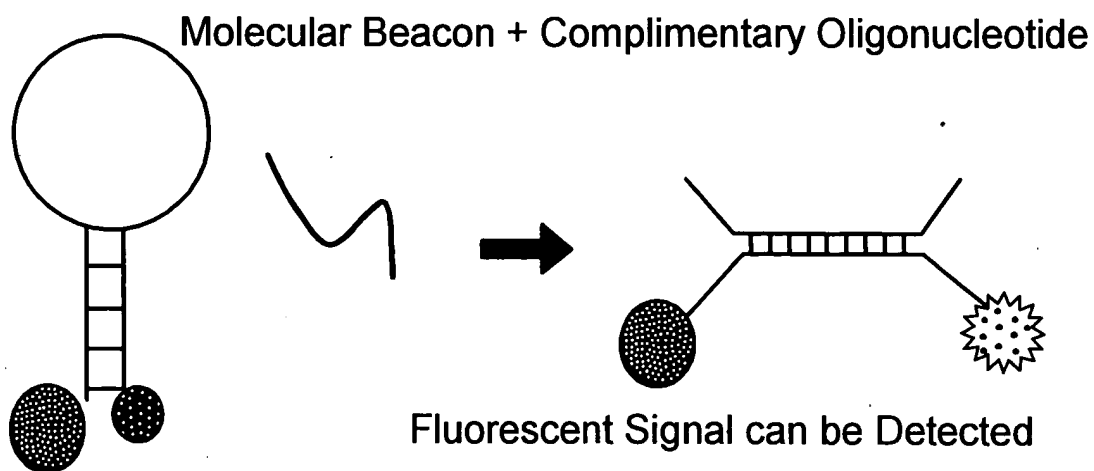


FIG. 1B

Molecular Beacon on Spectrally Encoded
Microspheres + Target Oligonucleotide

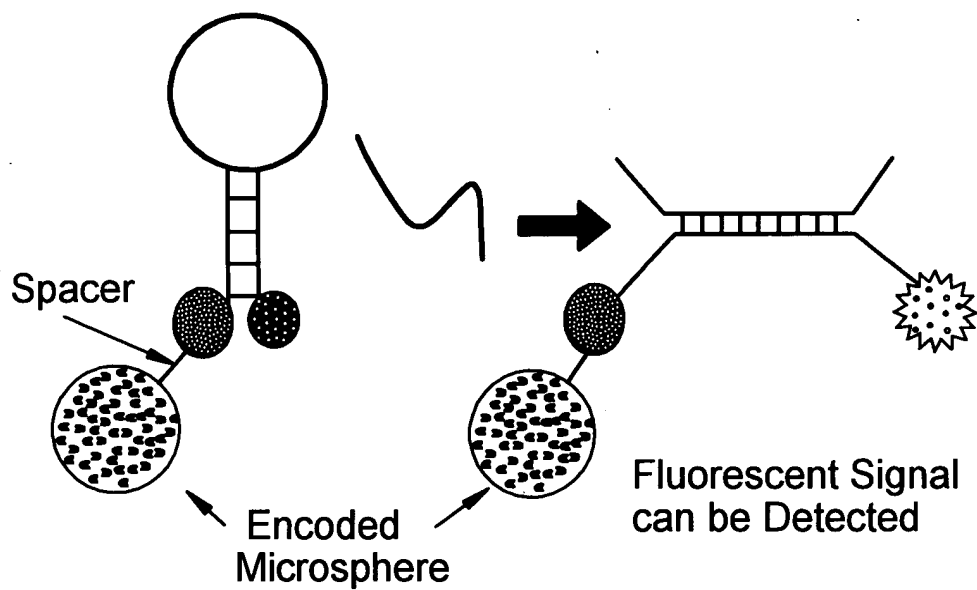


FIG. 2

Molecular Beacons on Qbead
Microspheres + Target Oligonucleotide

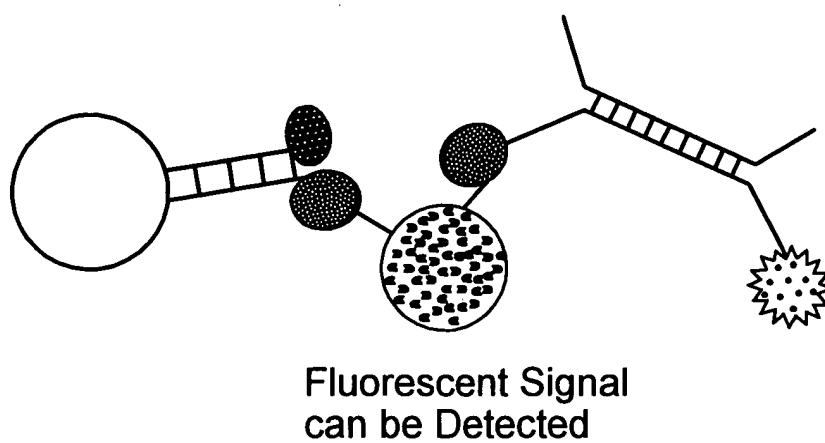


FIG. 3

Modified Molecular Beacon

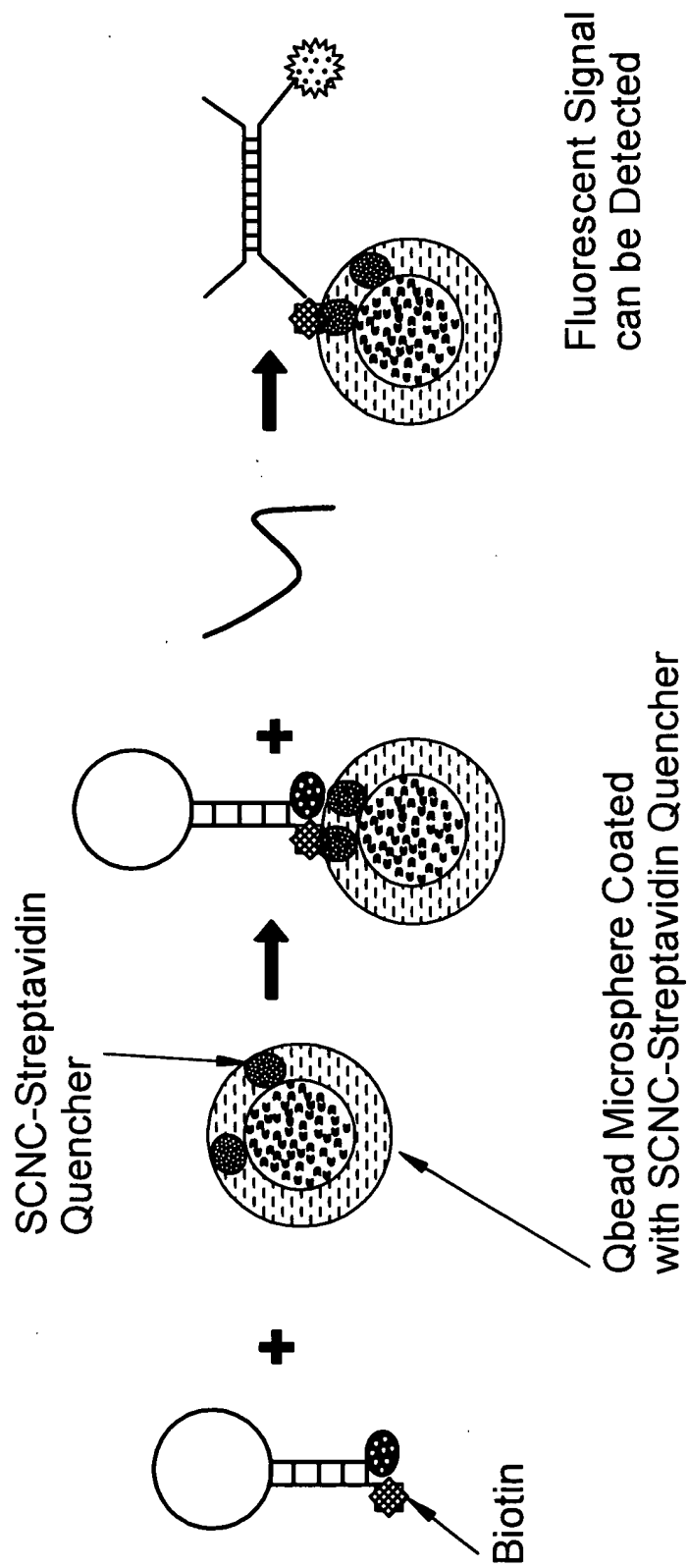


FIG. 4

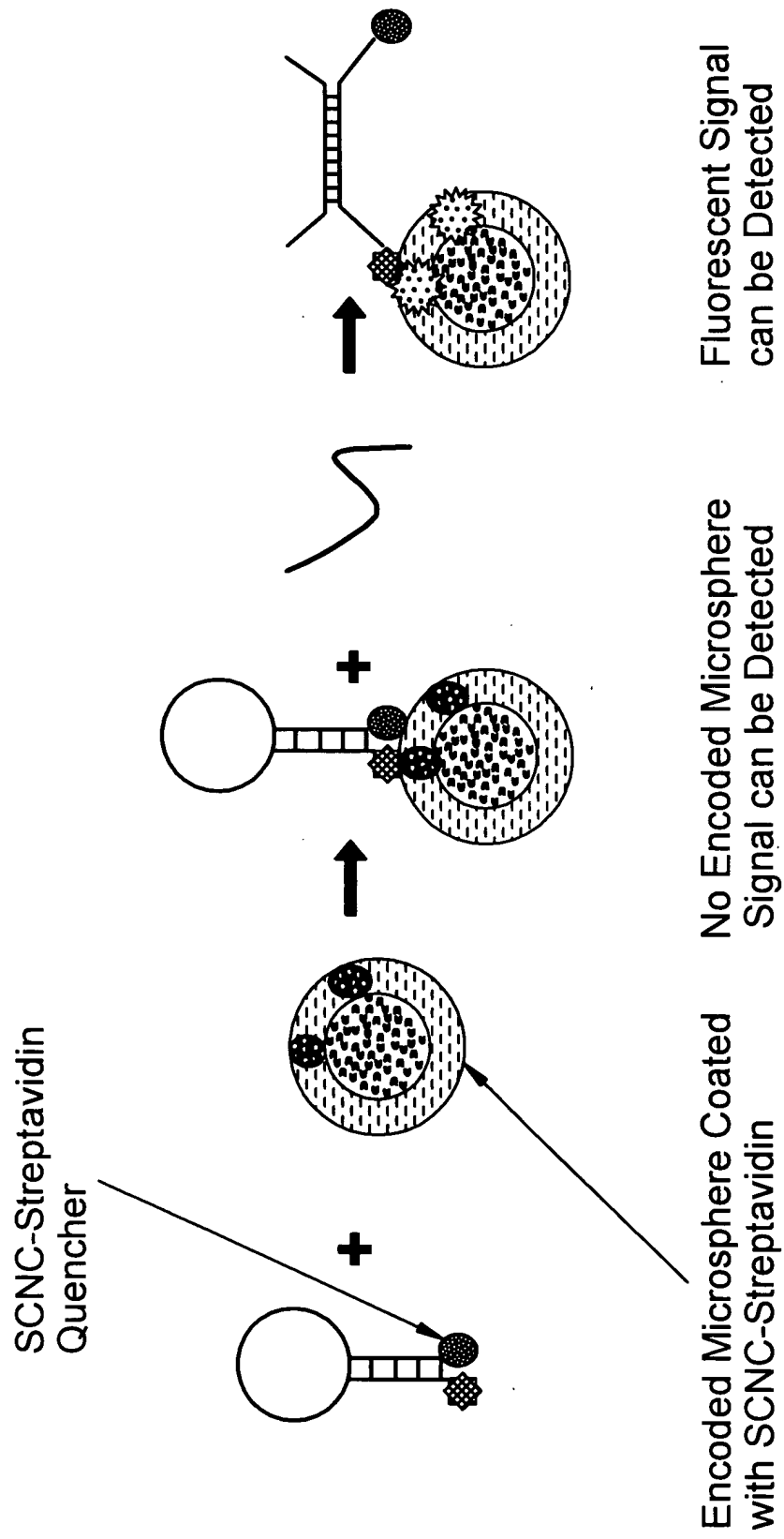
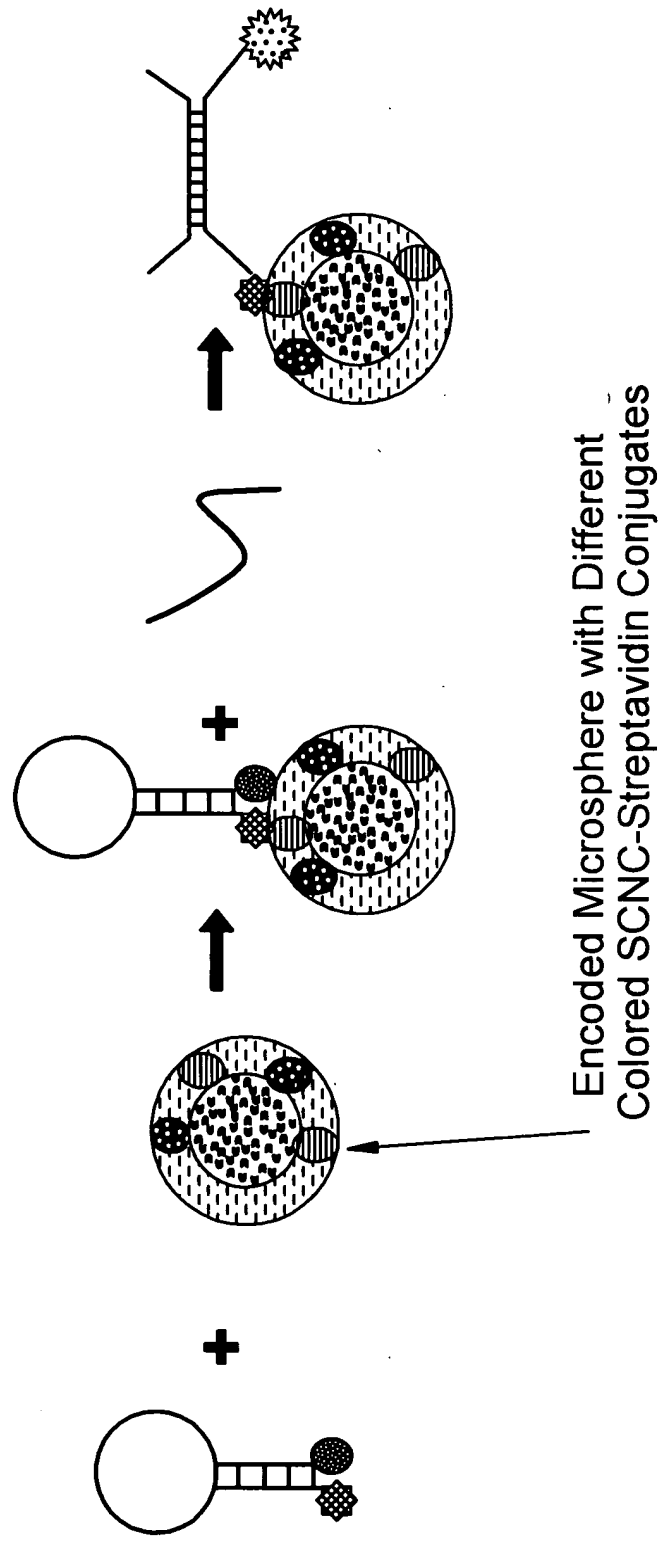


FIG. 5



Encoded Microsphere with Different
Colored SCNC-Streptavidin Conjugates

FIG. 6

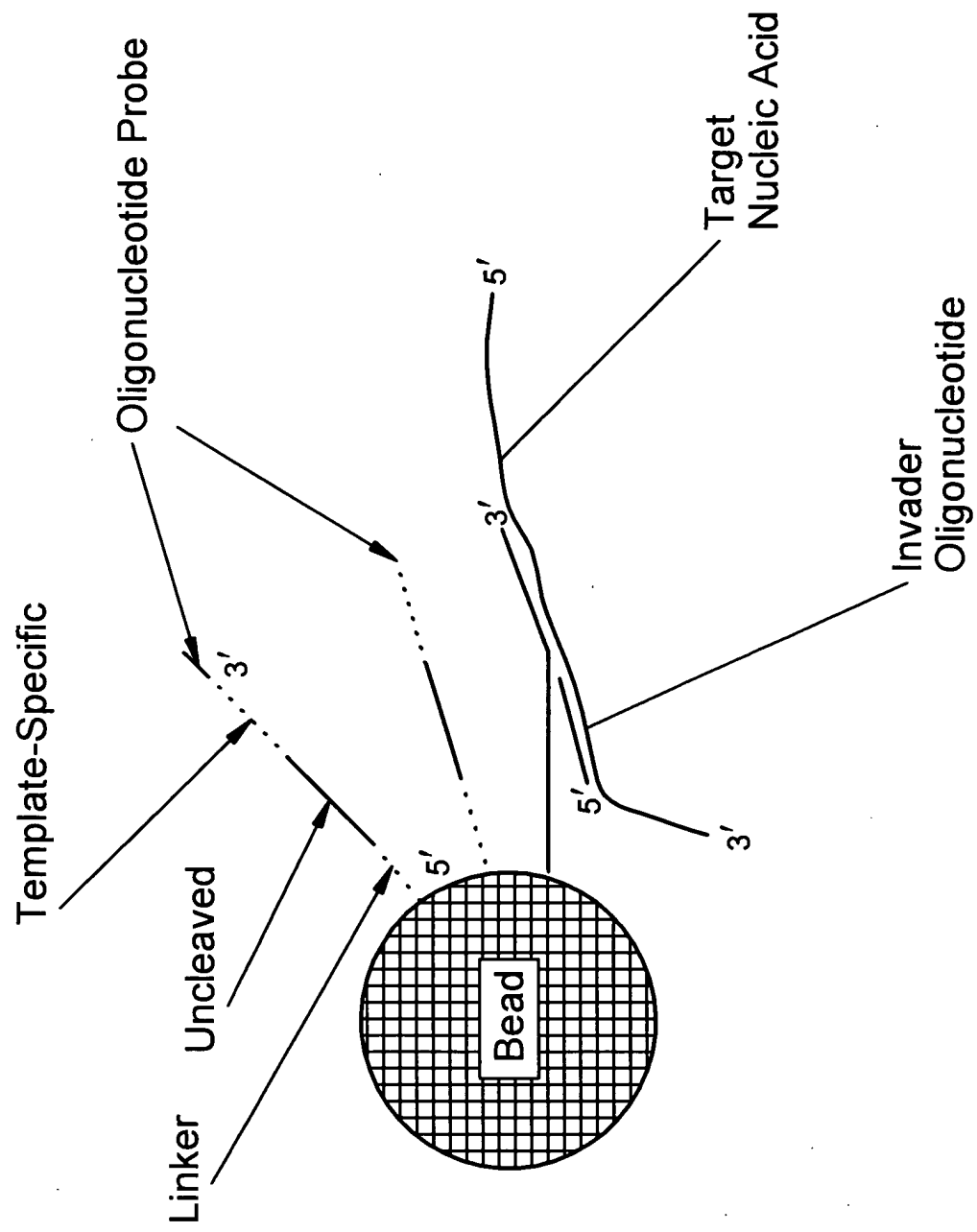


FIG. 7A

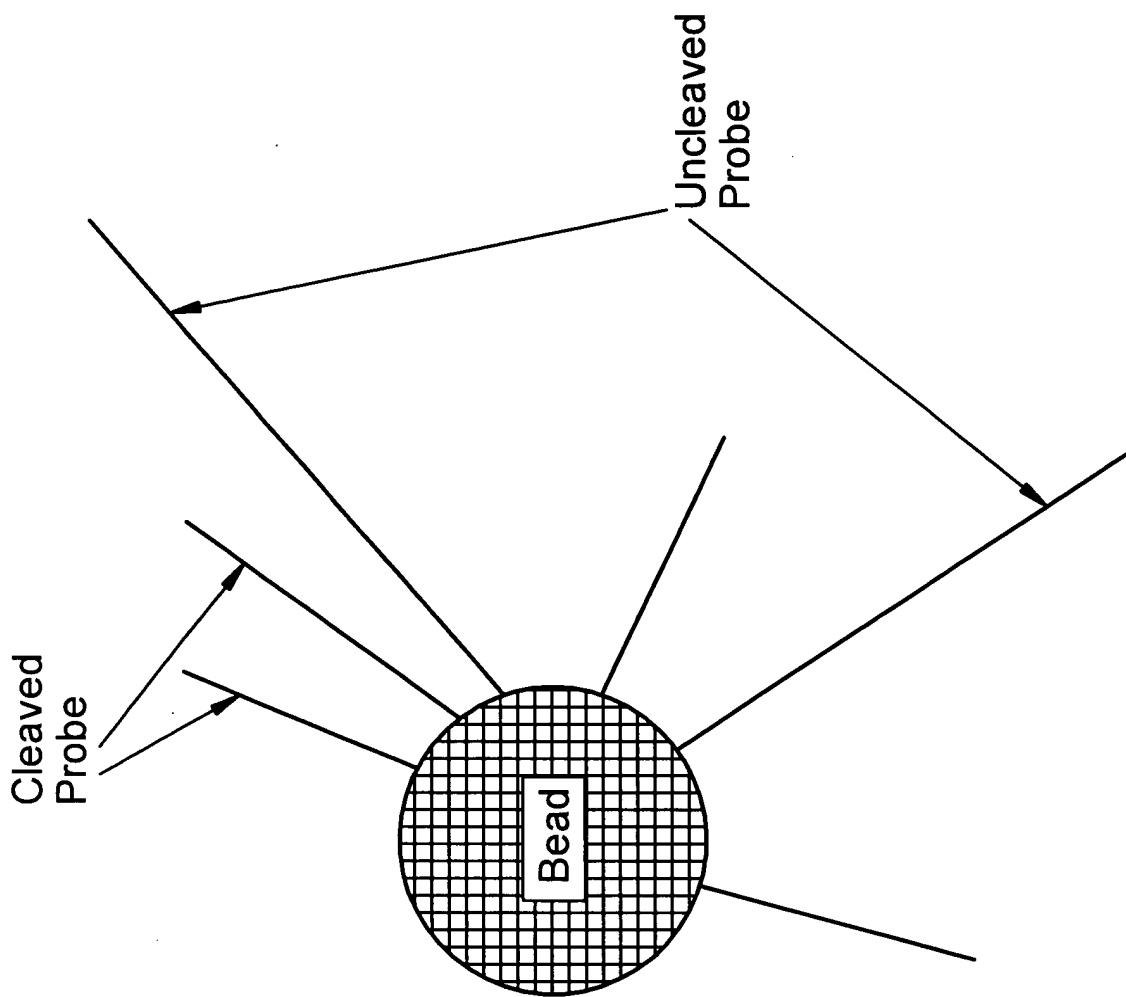


FIG. 7B

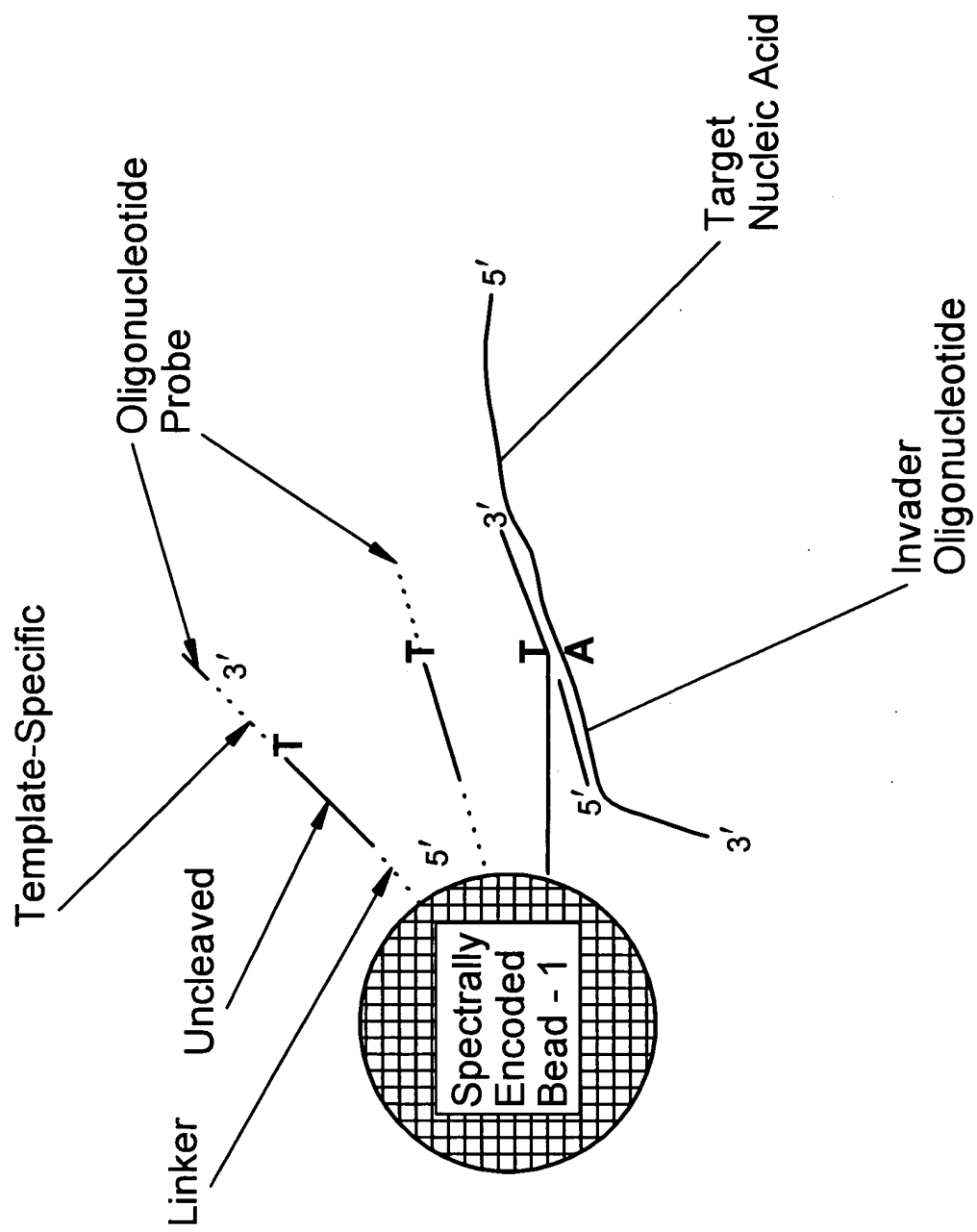


FIG. 8A

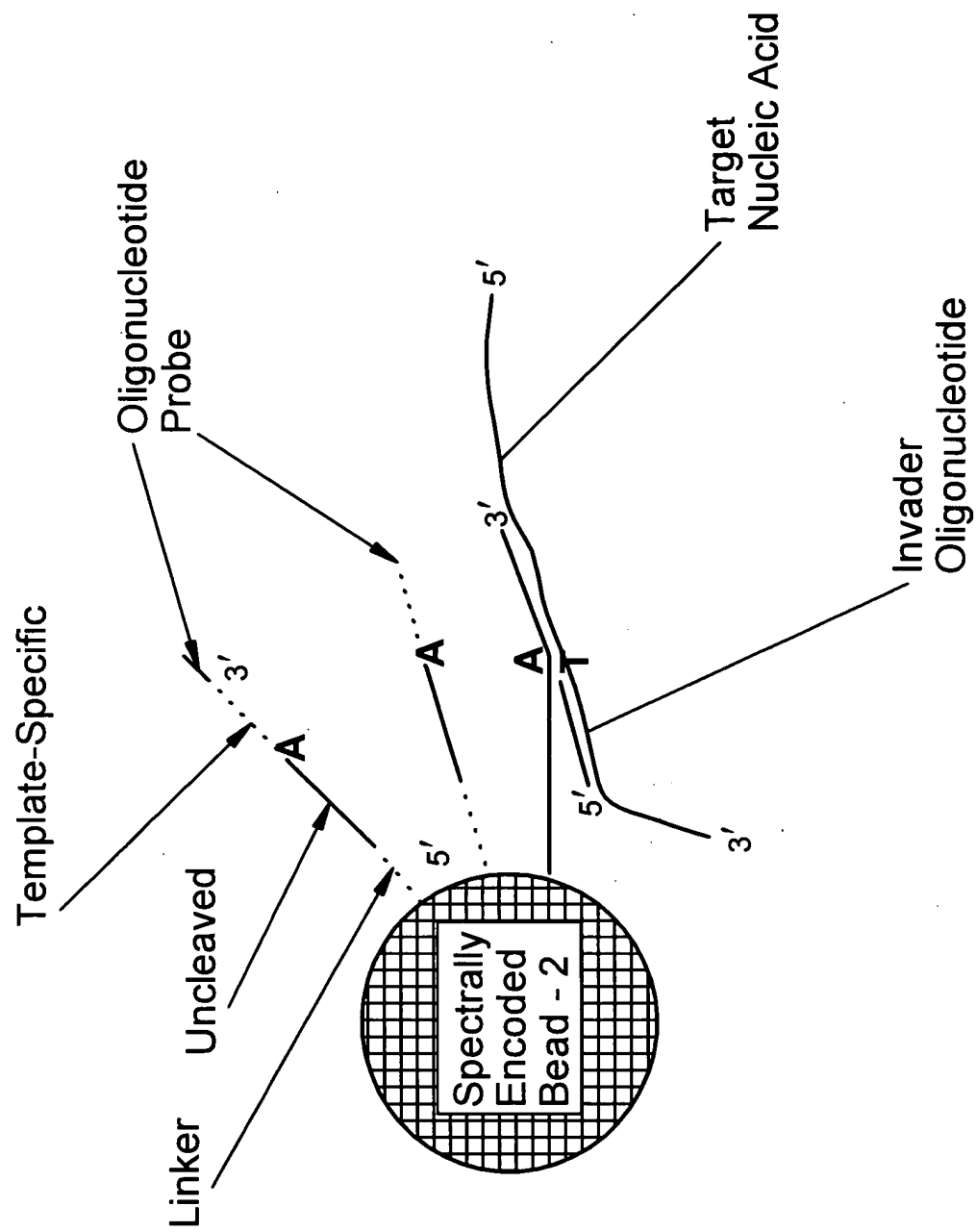


FIG. 8B

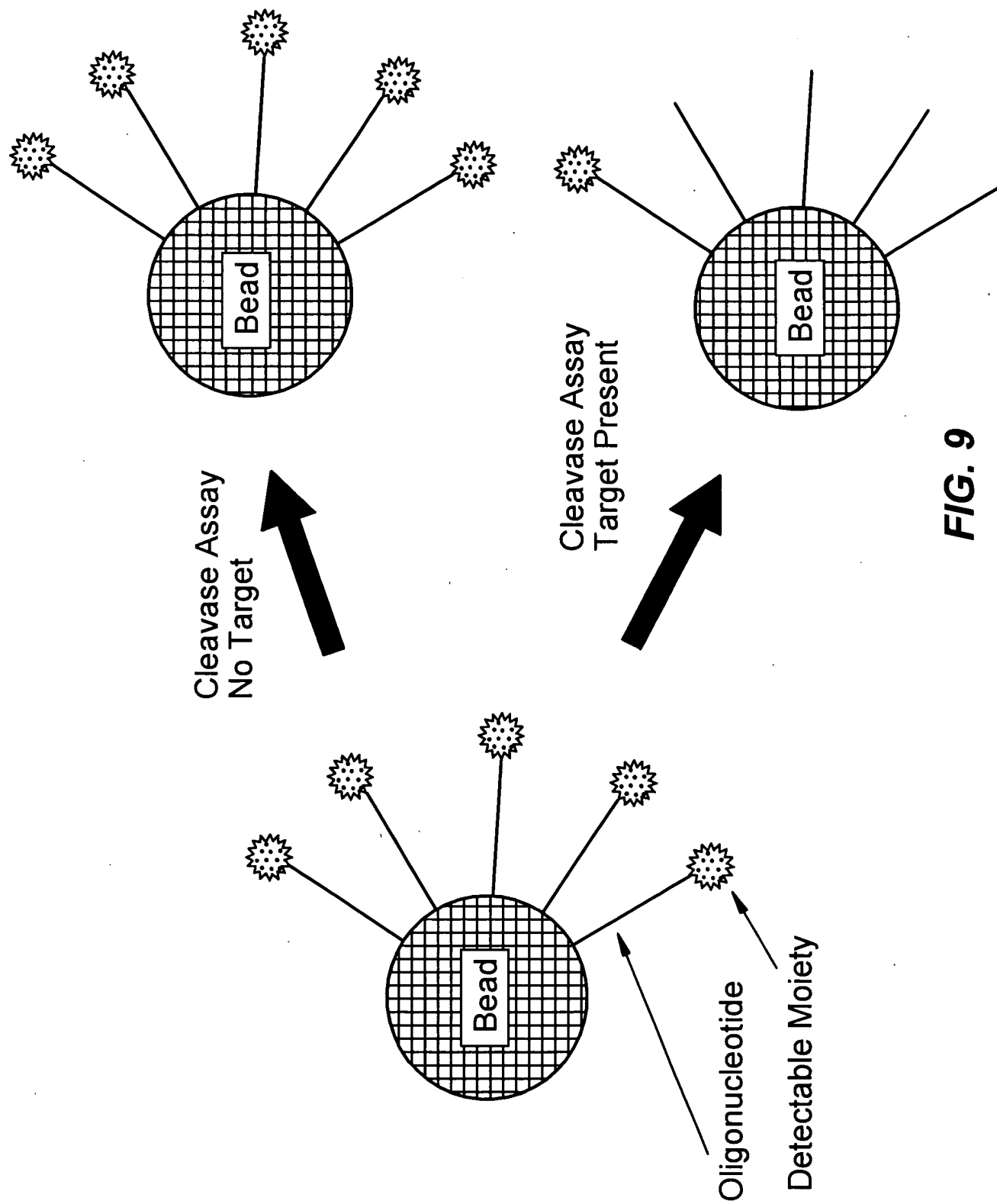


FIG. 9

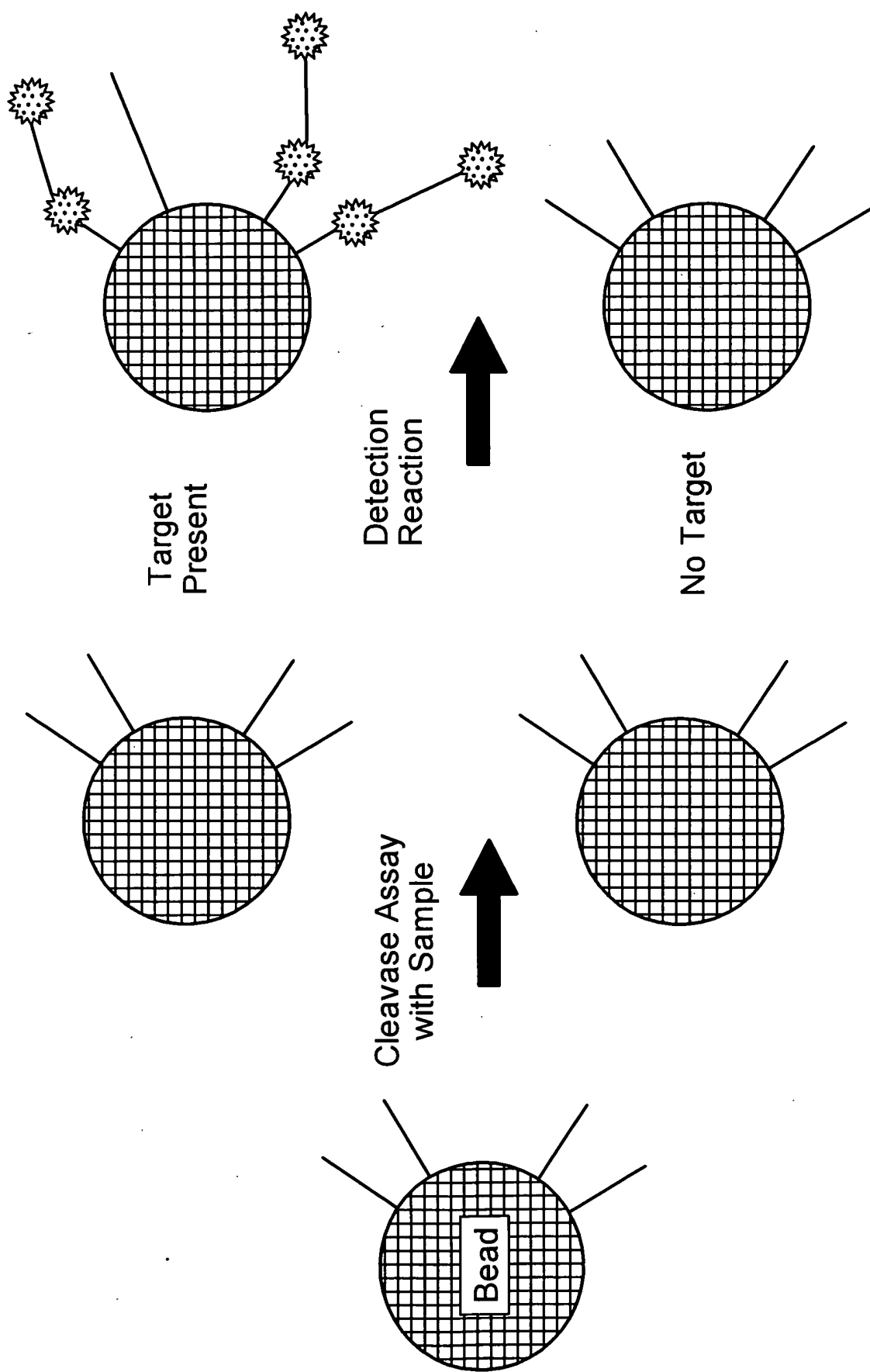


FIG. 10

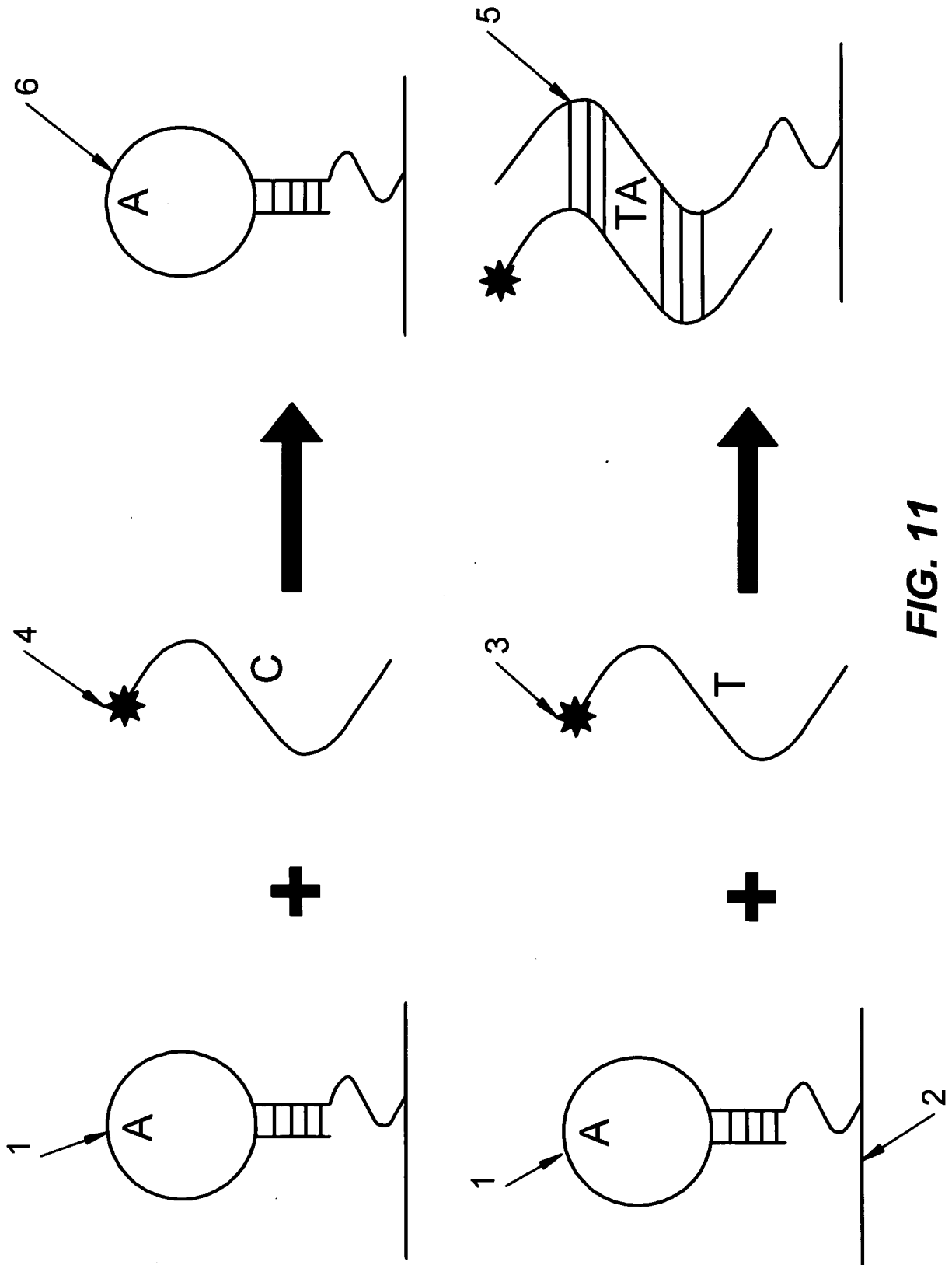


FIG. 11

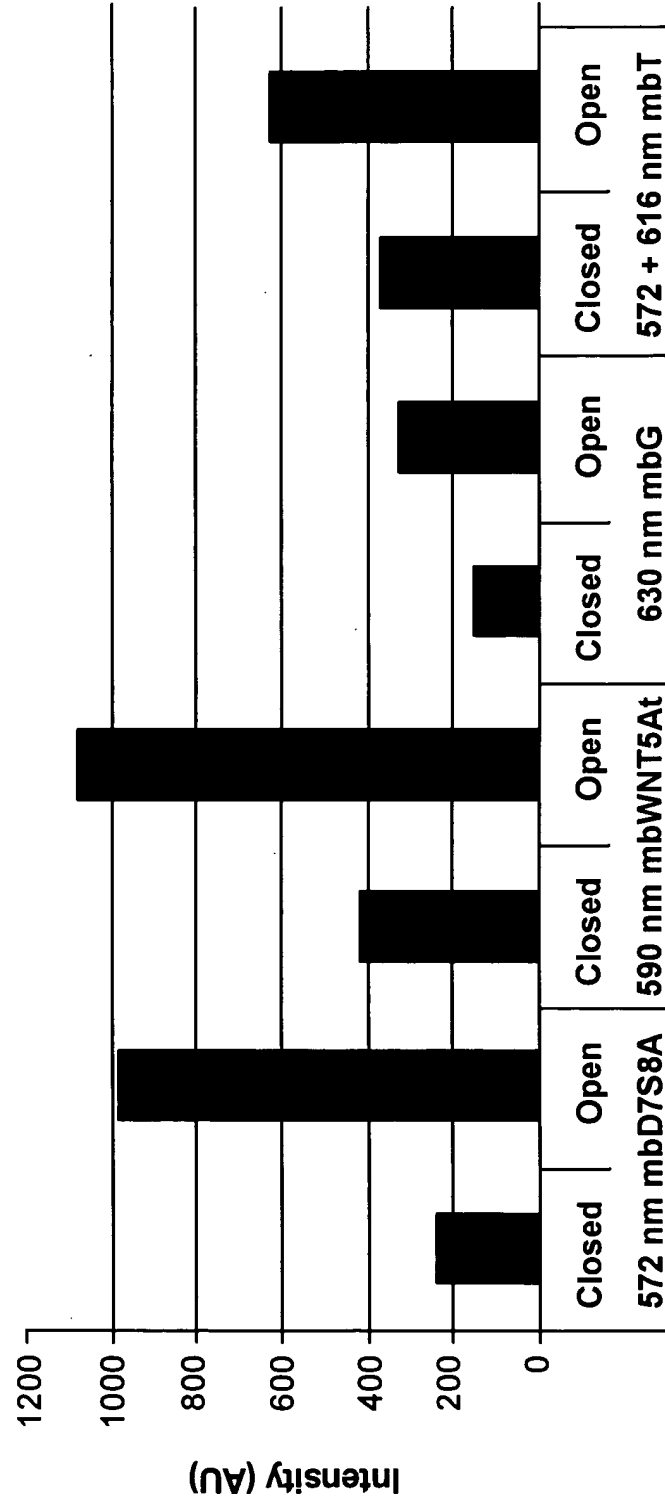
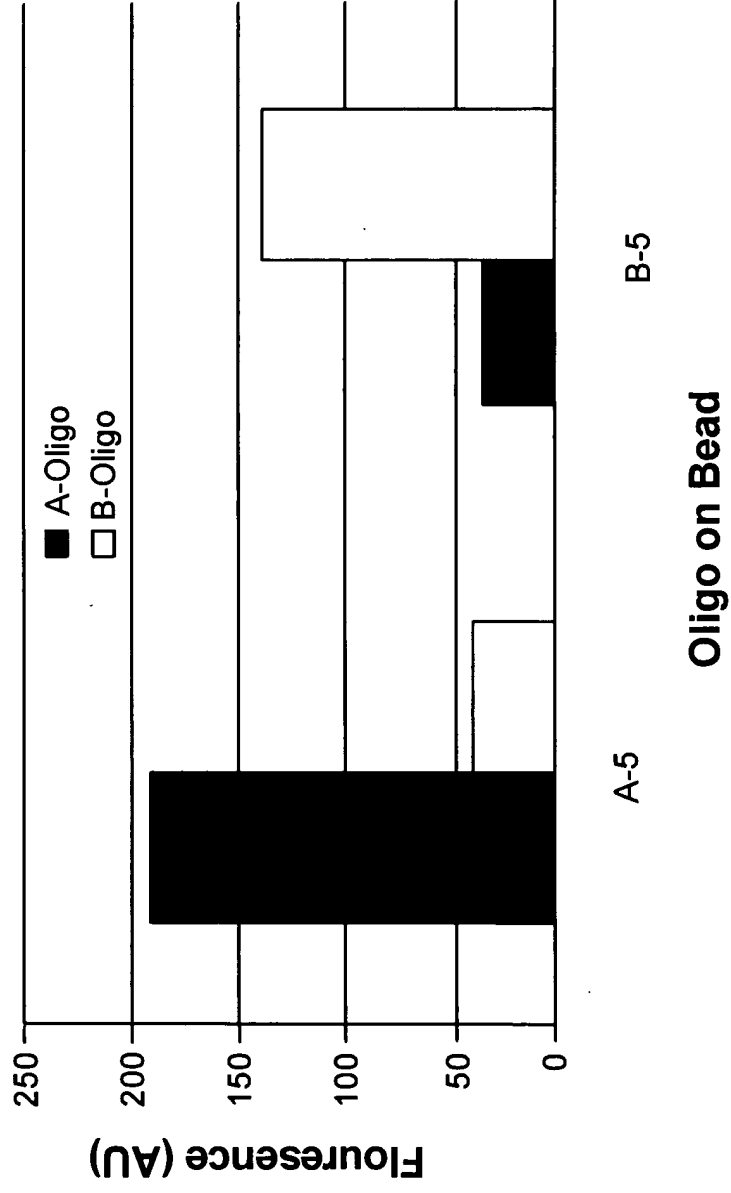


FIG. 12



Complementary Oligo		
Bead	A-Oligo	B-Oligo
A-5	191	41
B-5	35	138

FIG. 13

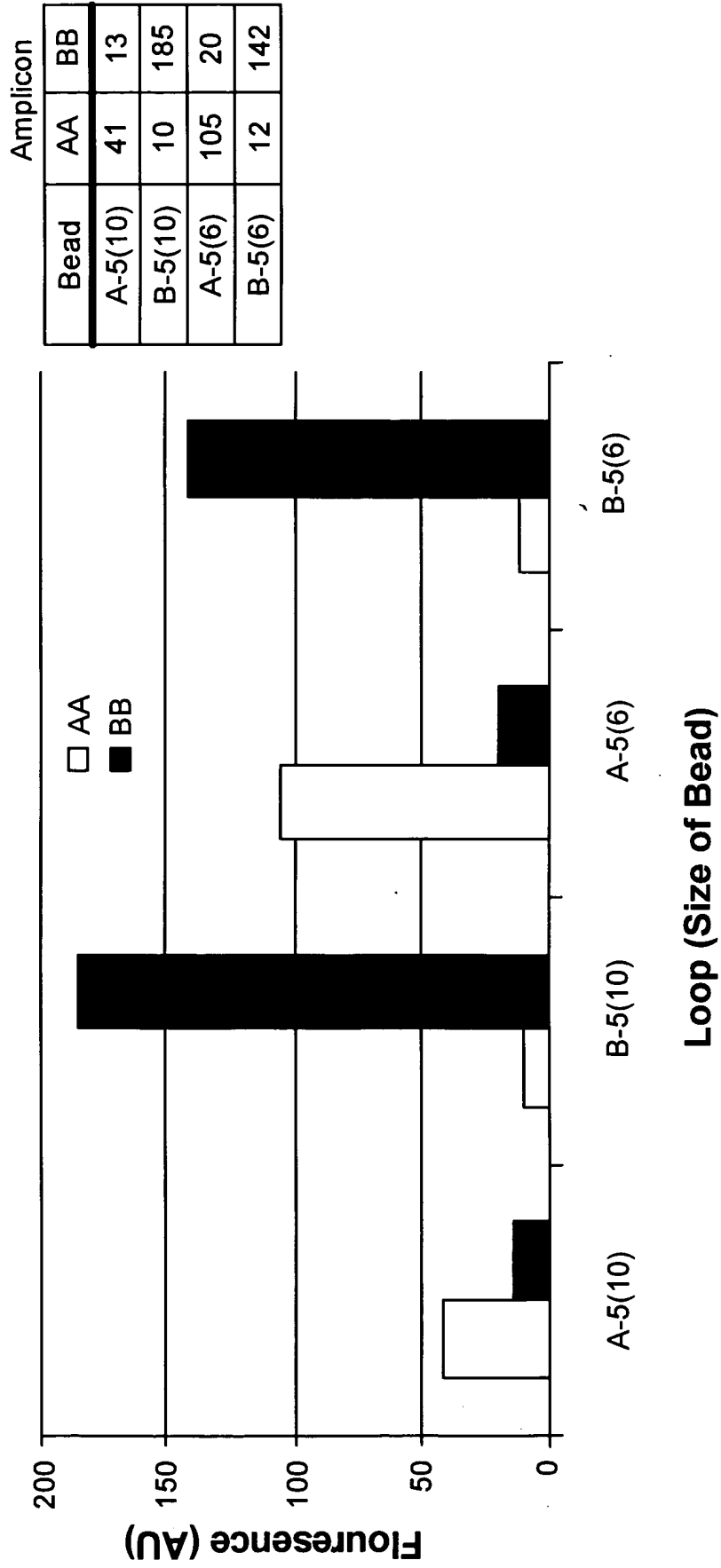


FIG. 14

Allelic Discrimination of Three Genomic DNAs at D7S8 Locus with Molecular Beacon Assay on Different Colors Qbeads

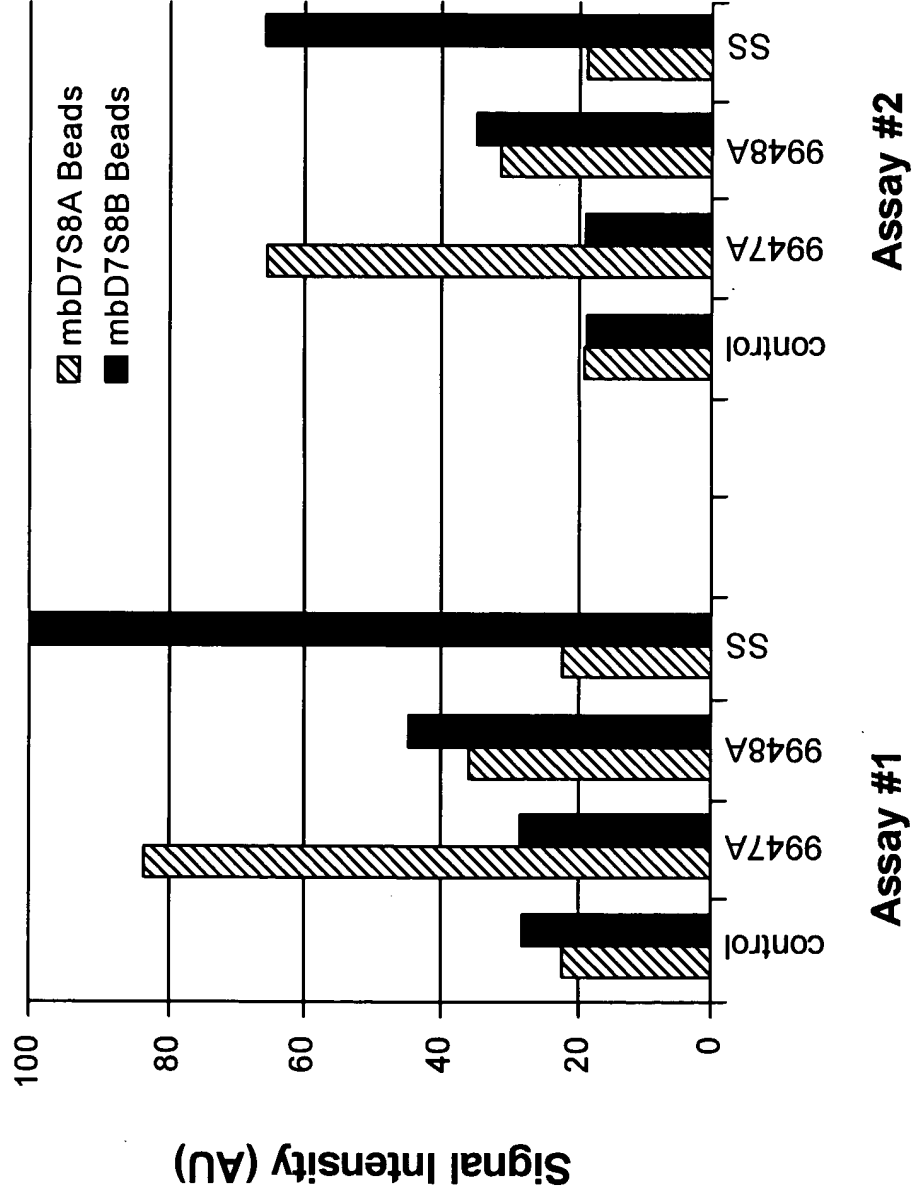


FIG. 15